

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

KHS L3 TANDLER

Component Gearbox Fluid KLUBER KLUBEROIL 4 UH1-460 N (--- GAL)

DIAGNOSIS

A Recommendation

We advise that you check all areas where dirt can enter the system. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

All component wear rates are normal.

Contamination

Elemental level of silicon (Si) above normal indicating ingress of seal material. The water content is negligible.

Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0916678		
Sample Date		Client Info		28 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	152		
Chromium	ppm	ASTM D5185(m)	>15	1		
Nickel	ppm	ASTM D5185(m)	>15	0		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>25	20		
Lead	ppm	ASTM D5185(m)	>100	0		
Copper	ppm	ASTM D5185(m)		1		
Tin	ppm	ASTM D5185(m)	>25	0		
Antimony	ppm	ASTM D5185(m)	>5	0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<1		
Barium	ppm	ASTM D5185(m)		0		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)		<1		
Calcium	ppm	ASTM D5185(m)		95		
Phosphorus	ppm	ASTM D5185(m)		643		
Zinc	ppm	ASTM D5185(m)		489		
Sulfur	ppm	ASTM D5185(m)		681		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	6 55		
Sodium	ppm	ASTM D5185(m)		145		
Potassium	ppm	ASTM D5185(m)	>20	2		
Water	%	ASTM D6304*	>0.2	0.038		



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limit/base

limit/base

limit/base

current

NONE

NONE

NONE

NONE

NONE

NONE

HAZY

NEG

NEG

433

NORML

current

current

history1

history

history1

no image

no image

history2

history2

history2

no image

no imade



Mar28/24 : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 COCA COLA CANADA BOTTLING LTD. : 03 Apr 2024 15 WEST CREEK BLVD BRAMPTON, ON : 05 Apr 2024 : 05 Apr 2024 - Kevin Marson CA L6T 5T4 Test Package : IND 1 (Additional Tests: KF) Contact: Chandan Ahuja To discuss this sample report, contact Customer Service at 1-800-268-2131. cahuja@cokecanada.com Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (635)440-5087 Validity of results and interpretation are based on the sample and information as supplied. E:

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Contact/Location: Chandan Ahuja - COC15BRA Page 2 of 2